



**When a building permit is issued for the construction of a new swimming pool or spa or the remodeling of an existing swimming pool or spa at a private single-family home, the respective swimming pool or spa shall be equipped with at least two of the following seven drowning prevention safety features:**

1) Pool shall be isolated from access to a home by an enclosure that meets the requirements listed below: **(Figure 1)**

- Access gates through enclosures shall open away from swimming pool and should be self-closing with a self-latching device placed no lower than 60 inches above ground.
- A Minimum Height of 60 inches **(Figure 3)**
- A Maximum vertical clearance of 2 inches from the ground to the bottom of enclosure **(Figure 3)**
- Gaps or voids shall not allow passage of a sphere equal to or greater than 4 inches in diameter. **(Figure 3)**
- An outside surface free of protrusions, cavities or other physical characteristics that would serve as handholds or footholds that could enable a child below the age of five years to climb over.

3) Pool shall be equipped with an approved safety cover that meets requirements of ASTM. Specifications F1346-91.

4) Dwellings shall be equipped with exit alarms on doors that provide direct access to the swimming pool or spa. The exit alarm may cause either an alarm noise or a verbal warning, such as a repeating notification that " the door to the pool is open." (Figure 2)

5) All doors providing direct access from the home to the swimming pool shall be equipped with a self-closing, self-latching device with a release mechanism placed no lower than 54 inches above the floor. (Figure 2)

6) Swimming pool alarms that, when placed in pools, will sound upon detection of accidental or unauthorized entrance into the water. These pool alarms shall meet and be independently certified to the ASTM Standard F 2208 "Standards Safety Specification for Residential Pool Alarms" which includes surface motion, pressure, sonar, laser and infrared type alarms.

7) Other means of protection, if the degree of protection afforded is equal to or greater than that afforded by any of the features set forth above and has been independently verified by an approved testing laboratory as meeting standards for those features established by the ASTM or the American Society of Mechanical Engineers (ASME).

2) Pool shall incorporate removable mesh pool fencing that meets the ASTM1 Specifications F2286 standards in conjunction with a gate that is self-closing and self-latching and can accommodate a key lockable device. (Figure 1 - sim.)

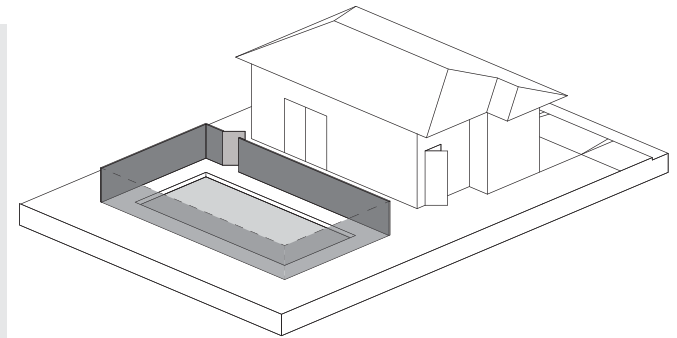


Figure 1  
Enclosure isolated from home (No site fencing required)

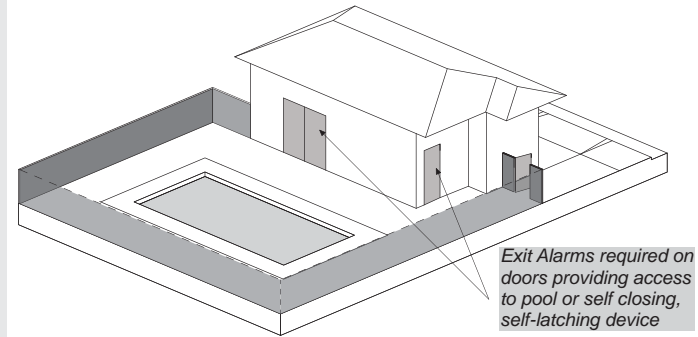


Figure 2  
Site enclosure with dwelling as barrier

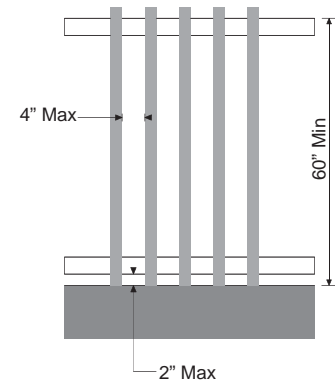


Figure 3  
Pool Barrier guidelines

<sup>1</sup>American Society for Testing and Materials